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STUDY OF THE EFFECTS OF NOISE ON RESIDENTS

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Translation of: "Etude des Effets de Bruit sur les Habitants,"  
Institut de Recherche des Transports, Centre d'evaluation et  
recherche des nuisances, Bron, France, Report, undated, pp 1-8.

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# STUDY OF THE EFFECTS OF NOISE ON RESIDENTS

## Transportation Research Institute

Name of the Investigator: \_\_\_\_\_ Col.1 ☐ /1\*

Date: \_\_\_\_/\_\_\_\_/1973

Time of the Interview: \_\_\_\_\_ hours \_\_\_\_\_ minutes

Number of Zone: \_\_\_\_\_ Col.2 ☐

Number of Questionnaire: \_\_\_\_\_ Col.3 ☐

Area Along the Road Col.4 ☐

Area Set Back Col.5 ☐

Good morning/afternoon, Mr./Mrs. \_\_\_\_\_

I am conducting a survey of the living conditions of the residents of ... Would you please answer a few questions with regard to your district (it will take about 15 minutes).

1. Generally speaking, what is your opinion of the local lifestyle in this district? Would you say life here is:

very pleasant \_\_\_\_\_ hardly pleasant \_\_\_\_\_ Col.6 ☐

fairly pleasant \_\_\_\_\_ not at all pleasant \_\_\_\_\_

2. Would you please tell me whether you are satisfied, rather satisfied ... with regard to:

	very satisfied	rather satisfied	hardly satisfied	not at all satisfied
--public means of transportation	_____	_____	_____	_____
--green spaces	_____	_____	_____	_____
--possibilities of entertainment	_____	_____	_____	_____
--peacefulness with regard to noise	_____	_____	_____	_____
--the prices of your residence	_____	_____	_____	_____
--academic facilities	_____	_____	_____	_____

\*Numbers in the margin indicate pagination in the foreign text.

	very satisfied	rather satisfied	hardly satisfied	not at all satisfied
--purity of the air in the district (smells, smokes)	_____	_____	_____	_____
--traffic and parking	_____	_____	_____	_____
--cleanliness of the city, streets, buildings	_____	_____	_____	_____

Col. 7 à 15

3. What is your opinion of the road which passes near your home ... (name it) from your point of view of: /2

<u>access:</u>	easy _____	difficult _____	Col.16	<input type="checkbox"/>
	near _____	none _____	Col.17	<input type="checkbox"/>
<u>convenience:</u>	convenient _____	inconvenient _____	Col.18	<input type="checkbox"/>
<u>usefulness:</u>				
for work	useful _____	useless _____	Col.19	<input type="checkbox"/>
leisure activities	useful _____	useless _____	Col.20	<input type="checkbox"/>
shopping	useful _____	useless _____	Col.21	<input type="checkbox"/>
<u>travel:</u>	slow _____	fast _____	Col.22	<input type="checkbox"/>
<u>esthetic:</u>	pleasant _____	unpleasant _____	Col.23	<input type="checkbox"/>
<u>appearance:</u>	clean _____	dirty _____	Col.24	<input type="checkbox"/>
<u>safety:</u>				
in automobile	hardly safe _____	very safe _____	Col.25	<input type="checkbox"/>
for pedestrians	hardly safe _____	very safe _____	Col.26	<input type="checkbox"/>
<u>landscape:</u>	well spaced out _____	compact _____	Col.27	<input type="checkbox"/>
	unattractive _____	pleasant _____	Col.28	<input type="checkbox"/>
<u>is the uniformity of the area:</u>	broken up _____	consolidated _____	Col.29	<input type="checkbox"/>
<u>its passage:</u>				
--on foot	easy _____	impossible _____	Col.30	<input type="checkbox"/>
--by car	easy _____	impossible _____	Col.31	<input type="checkbox"/>
<u>its use:</u>	restful _____	tiring _____	Col.32	<input type="checkbox"/>
	modern _____	customary _____	Col.33	<input type="checkbox"/>

4. Do you use this road:

often \_\_\_\_\_ rarely \_\_\_\_\_ Col.34 ☐

5. What are the noises you hear in your home? Col.35 ☐

6. Are you:

not at all      hardly      rather      highly  
disturbed      disturbed      disturbed      disturbed

Col.36 ☐

by the noise of the means of transportation?

7. What vehicles:

truck      car      motorcycle      moped

Col.37 ☐

seem to you the most disturbing? Give me their names in order:

8. At what time of day are you most disturbed by the  
noises caused by means of transportation (urban traffic,  
highway traffic)?

Col.38 ☐

9. At what time of the day, when you are at home, do they  
disturb you the least?

Col.39 ☐

10. What is the means of transportation which annoys you  
most at home?

highway traffic \_\_\_\_\_ aircraft \_\_\_\_\_  
urban traffic \_\_\_\_\_ railroad \_\_\_\_\_

Col.40 ☐

11. As far as you are concerned, of what does this annoyance  
consist?

Col.41 ☐

12. Noise disturbs some of the daily activities. As far  
as you are concerned personally, what are the activities during  
which you would like to be disturbed as little as possible?

/4

Col.42 ☐

Col.43 ☐

disturbance for listening to the radio or TV \_\_\_\_\_  
school work \_\_\_\_\_  
conversations \_\_\_\_\_  
reading \_\_\_\_\_  
falling asleep \_\_\_\_\_  
night sleep \_\_\_\_\_  
early morning sleep \_\_\_\_\_  
others \_\_\_\_\_

13. What do you consider the most disturbing noises?

Col.44 ☐

general noise of the automobile \_\_\_\_\_

brakes \_\_\_\_\_

starting \_\_\_\_\_

changing of gears \_\_\_\_\_

background noise \_\_\_\_\_

others \_\_\_\_\_

14. What is your age bracket?

Col.45 ☐

less than	21-30	31-40	41-50	51-60	more than
20 years	years old	years old	years old	years old	60

\_\_\_\_\_

15. Sex of the person answering:

M \_\_\_\_\_ F \_\_\_\_\_

Col.46 ☐

16. Status of occupation of the residence:

Col.47 ☐

owner \_\_\_\_\_ tenant \_\_\_\_\_

Col.48 ☐

17. How many years have you lived in this district?

less than	1-5	5-10	10-19	20 years
1 year	years	years	years	or more

\_\_\_\_\_

18. Are you satisfied with your residence?

Col.49 ☐

very	fairly	not	not at all
satisfied	satisfied	satisfied	satisfied

\_\_\_\_\_

Col.50 ☐

19. Are you considering moving? Yes \_\_\_ No \_\_\_ Do not know \_\_\_ /5

20. For what reasons?

21. What is your profession? \_\_\_\_\_ Col.51 ☐  
 In what sector of activity?  
 G.S.P. Professional people, higher cadre  
 Salaried agricultural workers Artists, army, miscellaneous  
 Boss in commerce or industry Employees  
 Medium grade cadres Service personnel  
 Workers, artisans, merchants Unemployed person, housewife

22. Do you work outside your home? Yes \_\_\_ No \_\_\_ Col.52 ☐

23. If yes, how long do you travel? In the morning you leave ...

arrival at work	arrival home	arrive work	arrive home	Col.53 <input type="checkbox"/>
leave home	leave work	leave home	leave work	

24. If not, how much time do you spend outside the house? Col.54 ☐

25. Are the conditions of your work? Col.55 ☐  
 very noisy \_\_\_\_\_ hardly noisy \_\_\_\_\_  
 fairly noisy \_\_\_\_\_ peaceful \_\_\_\_\_

26. Is your background at work: Col.56 ☐  
 a noisy workshop, a peaceful trade, a busy office, etc...

27. Number of children at home (by age bracket): Col.57 ☐  
 0-5 years      6-10 years      11-15 years      16-20 years  
 \_\_\_\_\_

28. Total number of persons at home: \_\_\_\_\_ Col.58 ☐ /6

29. ...For your work, your shopping, your leisure activities,  
do you travel?

by car	_____	_____	_____	Col.59	<input type="checkbox"/>
by motorcycle	_____	_____	_____	Col.60	<input type="checkbox"/>
by moped	_____	_____	_____	Col.61	<input type="checkbox"/>
by van or bus	_____	_____	_____		
in truck	_____	_____	_____		
public works vehicles	_____	_____	_____		
on foot	_____	_____	_____		
others	_____	_____	_____		

30. In your home, if it were possible, what time would you  
like to be least disturbed by road noise?

Col.62 ☐

in the morning \_\_\_\_\_  
when you are falling asleep \_\_\_\_\_  
at noon \_\_\_\_\_  
in the middle of the night \_\_\_\_\_  
in the evening \_\_\_\_\_  
very early in the morning \_\_\_\_\_

31. In general are you a sensitive person?

Col.63 ☐

not at all	hardly	fairly	very
sensitive	sensitive	sensitive	sensitive
_____	_____	_____	_____

32. Are you sensitive to noise in particular?

Col.64 ☐

not at all	hardly	fairly	very
sensitive	sensitive	sensitive	sensitive
_____	_____	_____	_____

33. In your opinion, what could be done to reduce the noise?

Col.65 ☐

34. Do you prefer a fast rather noisy road to a slow rather  
peaceful road?

7

fast noisy road \_\_\_\_\_ slow peaceful road

Col.66 ☐



